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INFO	RMATIO	N DIS	CLOSURE	Filing Date	March 01, 2002	
_	_	_	PPLICANT	First Named Inventor	Suresh M. Menon	
JIA	LEMITIAL	חום	FFLIOAITI	Art Unit	2631	
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Sheet	1	of	2	Attorney Docket Number	X-1050 US	

			U.S. PATENT	DOCUMENTS		
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
Initials * No.'		Number - Kind Code (if known)	MM-DD-YYYY	Applicant of Cited Document	Figures Appear	
7~		US- 5,907,566 A	05-25-99	Benson et al.		
<b>√</b> ₩		US- 6,150,837	11-21-00	Beal et al.		
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<sup>&#</sup>x27;Applicant's unique citation designation number (optional). 'See Kinds of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

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Sheet 2 of 2

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Application / Conf. No.		1070
Filing Date	March 01, 2002	
First Named Inventor	Suresh M. Menon	
Art Unit	2631	
Examiner Name	Unknown	
Attorney Docket Number	X-1050 US	

Examiner Initials ' Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.  IBM; "Mixture of Field and Factory Programmed Logic Cells in a Single Device"; IBM Technical Disclosure Bulletin; Vol. 38, No. 04; April 1995; pp. 499  Agere Systems; "ORCA ORT8850 Field-Programmable System Chip (FPSC) Eight-Channel x 850 Mbits/s Backplane Transceiver"; Data Sheet; August 2001; XP002292334 Retrieved from the Internet URL: http://alldatasheet.co.kr/datasheet-pdf/pdf_kor/AGERE/ORT8850.html>; pp. 1-54.	/ED
IBM; "Mixture of Field and Factory Programmed Logic Cells in a Single Device"; IBM Technical Disclosure Bulletin; Vol. 38, No. 04; April 1995; pp. 499  Agere Systems; "ORCA ORT8850 Field-Programmable System Chip (FPSC) Eight-Channel x 850 Mbits/s Backplane Transceiver"; Data Sheet; August 2001; XP002292334 Retrieved from the Interne URL: http://alldatasheet.co.kr/datasheet-pdf/pdf_kor/AGERE/ORT8850.html>; pp. 1-54.	et; /ED
Agere Systems; "ORCA ORT8850 Field-Programmable System Chip (FPSC) Eight-Channel x 850 Mbits/s Backplane Transceiver"; Data Sheet; August 2001; XP002292334 Retrieved from the Interne URL: http://alldatasheet.co.kr/datasheet-pdf/pdf_kor/AGERE/ORT8850.html>; pp. 1-54.	/ED
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Complete if Known Substitute for form 1449A/PTO 4098 10/090,250 Application / Conf. No. **INFORMATION DISCLOSURE** Filing Date March 01, 2002 STATEMENT BY APPLICANT **First Named Inventor** Suresh M. Menon Art Unit Unknown (use as many sheets as necessary) **Examiner Name** Attomey Docket Number X-1050 US

			U.S. PATENT	DOCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Τ.
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ICANT	First Named Inventor	Suresh M. Mei	non	
	Art Unit	2631		
ıry)	Examiner Name	Unknown	*****	
7	Attorney Docket Number	X-1050 US		

			U.S. PATENT	DOCUMENTS	
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TW		US- 4,758,985	07-19-88	Carter	Piones Apolear
		US- 5,142,625	08-25-92	Nakai	
		US- 4,855,669	08-08-89	Mahoney	
		US- 34,363	08-31-93	Freeman	
		US- 5,072,418	12-10-91	Boutaud et al.	DECEME
		US- 5,274,570	12-28-93	Izumi et al.	RECEIVED
		US- 5,550,782	08-27-96	Cliff et al.	
		US- 5,347,181	09-13-94	Ashby et al.	JAN 2 7 2004
		US- 5,339,262	08-16-94	Rostoker et al.	
		US- 5,311,114	05-10-94	Sambamurthy et al.	Technology Center 250
		US- 5,504,738	04-02-96	Sambamurthy et al.	
		US- 5,552,722	09-03-96	Kean	
		US- 6,467,009	10-15-02	Winegarden et al.	<u> </u>
		US- 5,914,616	06-22-99	Young et al.	
		US- 5,457,410	10-10-95	Ting	
		US- 5,740,404	04-14-98	Baji	
	**********	US- 5,581,745	12-03-96	Muraoka	
		US- 5,742,179	04-21-98	Sasaki	
		US- 5,600,845	02-04-97	Gilson	
		US- 5,574,930	11-12-96	Halverson Jr., et al.	

		FORE	IGN PATENT DO	CUMENTS		
	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	
	No.'	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>3</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	, ,
1,W	Ì	EP 0315275 A2	10-05-89	LSI Logic		П
1		WO 93 25968 A1	12-23-93	Furtek		
		EP 0 905 906 A2	03-31-99	Lucent		
		EP 1 235 351 A1	08-28-02	Matsushita Electric		
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

**INFORMATION DISCLOSURE** STATEMENT BY APPLICANT

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Application / Conf. No.	10/090,250 / 4098
Filing Date	March 01, 2002 RECEIVED
First Named Inventor	Suresh M. Menon
Art Unit	2631 JAN 2 7 3004
Examiner Name	Unknown
Attorney Docket Number	X-1050 US Technology (Center 260)

		OTHER NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T'
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		SAYFE KIAEI et al., "VLSI DESIGN OF DYNAMICALLY RECONFIGURABLE ARRAY PROCESSOR-DRAP," IEEE, February 1989, pp. 2484-2488, V3.6, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997	
		VASON P. SRINI, "FIELD PROGRAMMABLE GATE ARRAY (FPGA) IMPLEMENTATION OF DIGITAL SYSTEMS: AN ALTERNATIVE TO ASIC," IEEE, May 1991, pp. 309-314, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997	
		G. MAKI et al., "A RECONFIGURABLE DATA PATH PROCESSOR," IEEE, August 1991, pp. 18-4.1 to 18-4.4, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997	
		JACOB DAVIDSON, "FPGA IMPLEMENTATION OF RECONFIGURABLE MICROPROCESSOR," IEEE, March 1993, pp. 3.2.1 - 3.2.4, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997	
		CHRISTIAN ISELI et al., "BEYOND SUPERSCALER USING FPGA's," IEEE, April 1993, pp. 486-490, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997	
		P.C. FRENCH et al., "A SELF-RECONFIGURING PROCESSOR,"; IEEE, July 1993, pp. 50-59, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997	
		Christian Iseli et al., "SPYDER: A RECONFIGURABLE VLIW PROCESSOR USING FPGA's," IEEE, July 1993, pp. 17-24, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997	
		MICHAEL I. WIRTHLIN et al., "THE NANO PROCESSOR: A LOW RESOURCE RECONFIGURABLE PROCESSOR," IEEE, February 1994, pp. 23-30, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997	
		WILLIAM S. CARTER, "THE FUTURE OF PROGRAMMABLE LOGIC and ITS IMPACT ON DIGITAL SYSTEM DESIGN," April 1994, IEEE, pp. 10-16, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997	
		ANDRE' DEHON, "DPGA-COUPLED MICROPROCESSORS: COMMODITY ICs FOR THE EARLY 21ST CENTURY," IEEE, February 1994, pp. 31 - 39, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997	
		OSAMA T. ALBAHARNA, "AREA & TIME LIMITATIONS OF FPGA-BASED VIRTUAL HARDWARE," IEEE, April 1994, pp. 184 - 189, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997	

Examiner Date Signature Considered

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		·	U.S. PATEN	DOCUMENTS	
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4W		US- 5,473,267	12-05-95	Stansfield	Sumes sines
1		US- 5,742,180	04-21-98	DeHon et al.	
		US- 5,737,631	04-07-98	Trimberger	
		US- 5,748,979	05-05-98	Trimberger	
<u> </u>		US- 6,578,174	06-10-03	Zizzo	DECENTER
		US- 6,026,481	02-15-00	New et al.	RECEIVED
		US- 5,705,938	01-06-98	Kean	
		US- 5,500,943	03-19-96	Ho et al.	JAN 2 7 2004
		US- 6,483,342	11-19-02	Britton et al.	
		US- 5,809,517	09-15-98	Shimura	Technology Center 26
		US- 5,543,640	08-06-96	Sutherland et al.	
1		US- 5,574,942	11-12-96	Colwell et al.	
		US- 6,604,228	08-05-03	Patel et al.	H
		US- 5,933,023	08-03-99	Young	
1		US- 10/043,769	01-09-02	Schulz	
1		US- 6,389,558	05-14-02	Herrmann et al.	
		US- 5,732,250	03-24-98	Bates et al.	
		US- 5,889,788	03-30-99	Pressly et al.	·
		US- 5,874,834	02-23-99	New	
		US- 5,835,405	11-10-98	I sui et al.	

		FORE	IGN PATENT DOC	UMENTS		
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Τ.
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Application / Conf. No.	10/090,250	/ 4098
Filing Date	March 01, 2002	RECE
First Named Inventor	Suresh M. Menon	-11202
Art Unit	2631	100.9
Examiner Name	Unknown	JANA
Attorney Docket Number	X-1050 LIS	Taskaslassi

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		OTHER NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
(W		XILINX, INC., "THE PROGRAMMABLE LOGIC DATA BOOK," 1994, Revised 1995, Xilinx, Inc., 2100 Logic Drive, San Jose, CA. 95124.					
		XILINX, INC., "THE PROGRAMMABLE LOGIC DATA BOOK," 1994, Revised 1995, pp 2-109 to 2-117, Xilinx, Inc., 2100 Logic Drive, San Jose, CA. 95124.					
		XILINX, INC., "THE PROGRAMMABLE LOGIC DATA BOOK," 1994, Revised 1995, pp 2-9 to 2-18; 2-187 to 2-199, Xilinx, Inc., 2100 Logic Drive, San Jose, CA. 95124.					
		XILINX, INC., "THE PROGRAMMABLE LOGIC DATA BOOK," 1994, Revised 1995, pp 2-107 to 2-108, Xilinx, Inc., 2100 Logic Drive, San Jose, CA. 95124.					
CH 199		CHRISTIAN ISELI et al., "AC++ COMPILER FOR FPGA CUSTOM EXECUTION UNITS SYNTHESIS," 1995, pp. 173-179, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997					
		INTERNATIONAL BUSINESS MACHINES, "POWERPC 405 EMBEDDED PROCESSOR CORE USER MANUAL," 1996, 5TH Ed., pp. 1-1 TO X-16, International Business Machines, 1580 Rout 52, Bldg. 504, Hopewell Junction, NY 12533-6531.					
		YAMIN LI et al., "AIZUP-A PIPELINED PROCESSOR DESIGN & IMPLEMENTATION ON XILINX FPGA CHIP," IEEE, September 1996, pp 98-106, 98-106, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997					
		RALPH D. WITTIG et al., "ONECHIP: AN FPGA PROCESSOR WITH RECONFIGURABLE LOGIC, April 17, 1996, pp 126-135, IEEE, 3 Park Avenue, 17th Floor, New York, NY 10016-5997					
	XILINX, INC., "THE PROGRAMMABLE LOGIC DATA BOOK," January 27, 1999, Ch. 3, pp 3-1 TO 3-50, Xilinx, Inc., 2100 Logic Drive, San Jose, CA 95124						
WILLIAM B. ANDREW et al., "A FIELD PROGRAMMABLE SYSTEM CHIP WHICH COMBINE FPGA & ASIC CIRCUITRY," IEEE, May 16, 1999, pp. 183-186, IEEE, 3 Park Avenue, 17th Floor, N York, NY 10016-5997							
		XILINX, INC., "THE PROGRAMMABLE LOGIC DATA BOOK," 2000, Ch. 3 pp 3-1 TO 3-117, Xilinx, Inc., 2100 Logic Drive, San Jose, CA 95124					

Examiner Signature

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PTO/SB/08A (10-01)
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			U.S. PATENT	DOCUMENTS	
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7.2		US- 6,011,407	01-04-00	New	
1		US- 6,172,990	01-09-01	Deb et al.	
		US- 10/001,871	11-19-01	Douglass et al.	
		US- 5,760,607	06-02-98	Leeds et al.	
1		US- 5,892,961	04-06-99	Trimberger	DECENTER
		US- 09/991,412	11-16-01	Herron et al.	RECEIVED
		US- 09/991,410	11-16-01	Herron et al.	
		US- 09/968,446	09-28-01	Douglass et al.	JAN 2 7 2004
		US- 6,178,541	01-23-01	Joly et al.	
		US- 2003/0062922	04-03-03	Douglass et al.	Technology Center 26
		US- 2001/0049813	12-06-01	Chan et al.	
		US- 5,914,902	06-22-99	Lawrence et al.	
		US- 6,510,548	01-21-03	Squires	
		US- 6,154,051	11-28-00	Nguyen et al.	
		US- 6,181,163	01-30-01	Agrawal et al.	
		US- 6,356,987	03-12-02	Aulas	
		US- 6,301,696	10-09-01	Lien et al.	
		US- 6,211,697	04-03-01	Lien et al.	
		US- 6,163,166	12-19-00	Bielby et al.	
		US- 6,272,451	08-07-01	Mason et al.	

	FOREIGN PATENT DOCUMENTS								
Examiner Cite No.	Cite	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Τ.			
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<sup>&#</sup>x27;Applicant's unique citation designation number (optional). See Kinds of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

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X-1050 US

Complete if Known Substitute for form 1449A/PTO 10/090,250 4098 Application / Conf. No. March 01, 2002 **INFORMATION DISCLOSURE** Filing Date First Named Inventor Suresh M. Menon STATEMENT BY APPLICANT **Art Unit** 2631 (use as many sheets as necessary) **Examiner Name** Unknown

**Attorney Docket Number** 

		OTHER - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
(N		XILINX, INC., "THE PROGRAMMABLE LOGIC DATA BOOK," 2000, Ch 3, pp 3-7 TO 3-17; 3-76 TO 3-87, Xilinx, Inc., 2100 Logic Drive, San Jose, CA. 95124.	
		INTERNATIONAL BUSINESS MACHINES, "PROCESSOR LOCAL BUS" Architecture Specifications, 32-Bit Implementation, April 2000, First Edition, V2.9, pp. 1-76, IBM Corporation, Department H83A, P.O. Box 12195, Research Triangle Park, NC 27709	
		XILINX, INC., "VIRTEX II PLATFORM FPGA HANDBOOK, December 6, 2000, v1.1, pp 33-75, Xilinx, Inc., 2100 Logic Drive, San Jose, CA. 95124.	
		RECEIVE	D
		JAN 2 7 2004	
		Technology Center	2600
Examir Signati		Date Considered 9/16/65	

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Application / Conf. No.	10/090,250 / 4098						
Filing Date	March 01, 2002						
First Named Inventor	MASTER - MAUNA LOA						
Art Unit	2631						
Examiner Name	Unknown						
Attorney Docket Number	X-1050 US						

			U.S. PATENT	DOCUMENTS	
Examiner Initials *	Cite No.	Number - Kind Code (il known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
10		US- 6,519,753	02-11-03	Ang	FIGURES AUDIEN
T		US- 6,434,735	08-13-02	Watkins	
		US- 6,588,006	07-01-03	Watkins	
		US- 6,539,508	03-25-03	Patrie et al.	
		US- 6,587,995	07-01-03	Duboc et al.	
		US- 6,242,945	06-05-01	New	DECEIVE
		US- 6,460,172	10-01-02	Insenser Farre et al.	HEUDIVE .
		US- 6,353,331	03-05-02	Shimanek	0 - 0004
		US- 6,507,942	01-14-03	Calderone et al.	JAN 2 7 2004
		US- 6,518,787	02-11-03	Allegrucci et al.	
		US- 6,611,951	08-26-03	Tetelbaum et al.	Technology Center 46
		US- 6,522,167	02-18-03	Ansari et al.	
		US- 6,532,572	03-11-03	Tetelbaum	
		US- 6,541,991	04-01-03	Horncheck et al.	
		US- 09/858,732	05-15-01	Schulz	
		US- 09/861,112	05-18-01	Dao et al.	
		US- 6,601,227	07-29-03	Trimberger	
		US- 09/917,304	07-27-01	Douglass et al.	
		US-			
		US-			

	FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Τ.		
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10/090,250 4098 Application / Conf. No. Filing Date March 01, 2002 First Named Inventor Suresh M. Menon Art Unit 2631 **Examiner Name** Unknown Attorney Docket Number X-1050 US

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			U.S. PATENT	DOCUMENTS	
Examiner Initials	Cite No.'	Document Number Number - Kind Code (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Floures Appear
TW		US- 5,361,373	11-01-94	Gilson	
1		US- 5,537,601	07-16-96	Kimura et al.	
		US- 5,652,904	07-29-97	Trimberger	
		US- 5,671,355	09-23-97	Collins	
1		US- 5,752,035	05-12-98	Trimberger	
		US- 5,970,254	10-19-99	Cooke et al.	RECEIVED  MAY 3 0 2002
<b></b>		US- 6,020,755	02-01-00	Andrews et al.	- NEODA
		US- 6,096,091	08-01-00	Hartmann	MAY 3 0 2002
		US- 6,279,045 B1	08-21-01	Muthujumaraswathy et al.	
		US- 6,282,627 B1	08-28-01	Wong et al.	Technology Center 2600
<del>- t</del>		US- 6,343,207 B1	01-29-02	Hessel et al.	18Cillipio33 oction
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		FORE	GN PATENT DOC	UMENTS		
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Application / Conf. No.	10/090,25() /	4098
Filing Date	March 01, 2002	
First Named Inventor	Suresh M. Menon	
Art Unit	2631	_
Examiner Name	Unknown	
Attorney Docket Number	X-1050 US	

		OTHER NON PATENT LITERATURE DOCUMENTS	
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(W		Cary D. Snyder and Max Baron; "Xilinx's A-to-Z System Platform"; Cahners Microprocessor; The Insider's Guide to Microprocessor Hardware; Microdesign Resources; February 6, 2001; pp. 1-5.	
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